

Math ClassTools is being used effectively by schools and districts around the country to raise student achievement. Here's an overview of three districts—one suburban, one rural and one urban—who have seen improved math results in their districts. Learn more about their experiences with Math Class Tools on the following pages.

	Profile	Courses	Goal	Results
Dublin High School Dublin, CA	A suburban high school serving 1,270 students	Introductory Algebra	Raise student achievement on the SAT-9 test	Student scores increased 17%
Goochland High School Goochland, VA	A rural high school serving 700 students	Algebra I	Increase Algebra I pass rates on the Virginia state assessment	Pass rates increased 56%
Granby High School Norfolk, VA	An urban high school serving 2,200 students	Geometry	Increase Geometry pass rates on the Virginia state assessment	Pass rates increased 13%

About Math ClassTools

Integrating the award-winning content of BoxerMath™ with Apex Learning's® unique approach to online learning, Math ClassTools gives teachers effective tools to increase student math proficiency and raise achievement levels. Online diagnostics pinpoint student strengths and weaknesses. Individual and class-wide study plans save teachers time with re-teaching and remediation efforts. Interactive math activities motivate students to invest more time in their math assignments. To learn more about MathClassTools, call 1.800.453.1454, email inquiries@apexlearning.com, or visit www.apexlearning.com

Dublin Unified School District

Dublin High School
Dublin, CA

Goal:	Increase student achievement as evidenced through the Stanford Achievement Test, Ninth Edition, (SAT-9) Mathematics.
Target Students:	Title I students in Pre-algebra classes
Implementation:	Dublin High School began using Math ClassTools in 2000 as an intervention strategy for Title I students enrolled in Pre-algebra. Teachers assigned lessons to address specific areas of weakness as evidenced through the California Mathematics Diagnostic Testing Project, Algebra Readiness Test. Dublin High School continues to use the program.
Methodology:	Comparison of individual student SAT-9 scores from grade 8 to their SAT-9 scores from grade 9.
Results:	Students previously scoring in the lowest 25th percentile achieved an average gain of 17% on the SAT-9 assessment.
Comments:	<p><i>"When parents ask what they can do to help their child be successful in math, the first thing we tell them is to work with [Math ClassTools]."</i></p> <p><i>"Our students are mesmerized by [Math ClassTools]. So are we!"</i></p> <p><i>"Students in our Pre-algebra classes use [Math ClassTools] at least once a week for 30 minutes. We found that [Math ClassTools] really helps the remedial students, as there are more opportunities for these students to see things in an alternative manner. They have the opportunity to recoup the losses they had in math."</i></p> <p style="text-align: right;"><i>-- Dorothy Dow, Mathematics Chair, Dublin High School, Dublin, CA</i></p>

Goochland County Public Schools

*Goochland County High School
Goochland, Virginia*

- Goal:** Raise student achievement as evidenced through test scores on the Virginia Standards of Learning (SOL) test for Algebra I; provide remediation for students with weaknesses in specific skill areas.
- Target Students:** Algebra I, Algebra II, and Geometry students; students in need of remediation
- Implementation:** Goochland County High School implemented Algebra I and Algebra II Math ClassTools in 2001 as a supplement to regular mathematics instruction. In addition, it was used as an intervention strategy for those students who had weaknesses in specific skill areas as evidenced through EduTest benchmark tests. Students have access to the program during the day and from home. Goochland County High School continues to use the program.
- Methodology:** Reporting of Virginia SOL Algebra I pass rates for students using Math ClassTools from 2000-2001 as compared with scores prior to the implementation of Math ClassTools in 1999-2000.
- Results:** Pass rates for students who used Math ClassTools improved 56%, increasing from 37% to 58%.
- Comments:** *Math ClassTools gives students a way to view and engage in math skills that was different than anything they had ever used in the classroom. They were able to make connections - in many instances the 'light bulb' finally went off."*

-- Lindsay Kingoff, Library Media Specialist, Goochland County School District

Norfolk Public Schools

Norfolk, Virginia

Granby High School

Goal: Increase student achievement as evidenced through test scores on the Virginia Standards of Learning (SOL) test for Geometry.

Target Students: Geometry students; students in need of remediation

Implementation: Math ClassTools was used as a supplement to regular mathematics instruction beginning September of 2000. In addition, it was used as an intervention strategy for those students who had weaknesses in specific areas as evidenced through the Stuart Flanagan pre-test. Students had access to the program during the day, after school, and at home. Granby High School continues to use the program.

Methodology: Reporting of Virginia SOL Geometry pass rates for students using Math ClassTools Geometry as compared to those students who did not use Math ClassTools Geometry.

Results: 78% of students who used Geometry Math ClassTools in 2000-2001 passed the Virginia SOL test for Geometry while 69% of students who did not use Math ClassTools passed.

Comments: *"I know that one of the factors that contributed to the increase in student performance is [Math ClassTools]. Students were able to access the program from home and specifically had access to the program during the day and after school."*

-- Denise Walston, Secondary Mathematics Coordinator

"Students really enjoy using Math ClassTools. They always look forward to the day they see the mobile cart in the classroom!"

-- Mary Beaulieu, Mathematics Teacher, Granby High School